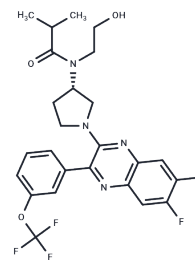


Spns2-IN-3

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 3035022-30-8 |
| Formula: | C ₂₅ H ₂₅ F ₅ N ₄ O ₃ |
| Molecular Weight: | 524.48 |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA. |



Biological Description

| | |
|----------------------------|---|
| Description | Spns2-IN-3 (compound 510) is an SPNS2 inhibitor with an IC ₅₀ value of 1.2 μM for hSPNS2. It is applicable in research on autoimmune diseases such as multiple sclerosis (MS) and inflammatory bowel disease (IBD), as well as fibrosis, muscle atrophy, metastasis, acute lung injury, rheumatoid arthritis, colitis, Alzheimer's disease, and other conditions linked to SPNS2 activity. |
| Targets(IC ₅₀) | LPL Receptor |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.9067 mL | 9.5333 mL | 19.0665 mL |
| 5 mM | 0.3813 mL | 1.9067 mL | 3.8133 mL |
| 10 mM | 0.1907 mL | 0.9533 mL | 1.9067 mL |
| 50 mM | 0.0381 mL | 0.1907 mL | 0.3813 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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